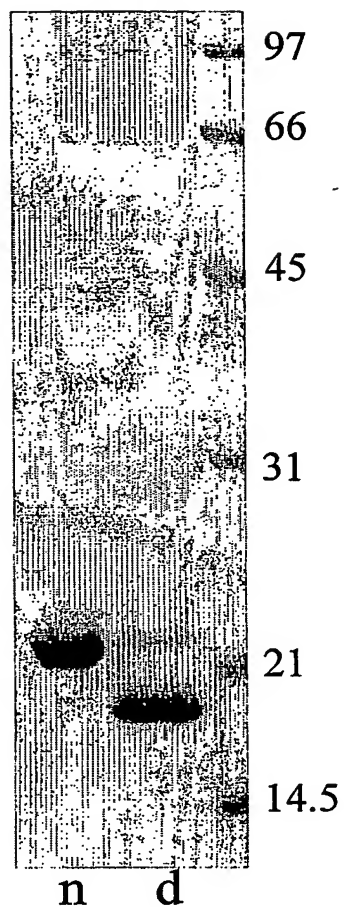


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Figure 1



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Figure 2

NspA-DNA

GAAGGCGCATCCGGCTTTTACGTCCAAGCCGATGCCGCACACGCAAAGCCTCAAGCTCTTTA
GGTTCTGCCAAAGGCTTCAGCCCGCGCATCTCCGCAGGCTACCGCATCAACGACCTCCGC
TTCGCCGTCGATTACACGCGCTACAAAACTATAAAGCCCATCCACCGATTTCAAACCTT
TACAGCATCGGCGCGTCCGCCATTTACGACTTCGACACCCAATCGCCCGTCAAACCGTAT
CTCGGCGCGCGCTTGAGCCTCAACCGCGCCTCCGTCGACTTGGGCGGCAGCGACAGCTTC
AGCCAAACCTCCATCGGCCTCGGCGTATTGACGGGCGTAAGCTATGCCGTTACCCCGAAT
GTCGATTTGGATGCCGGCTACCGCTACAACCTACATCGGCAAAGTCAACACTGTCAAAAAC
GTCCGTTCCGGCGAACTGTCCGCCGGTGTGCGCGTCAAATTCTGA

NspA-protein

EGASGFYVQADAAHAKASSSLGSAKGFSPRISAGYRINDLRFAVDYTRYKNYKAPSTDFKLYSIGASAIYDFDTQSPVKP
YLGARLSLNRASVDLGGSDSFSQTSIGLGVLTGVSYAVTPNVDL DAGYRYNYIGKVNTVKNVRSGELSAGVRVKF

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Figure 3

NspA H44/76 seq

ATGAAAAAAGCACTTGCCACACTGATTGCCCTCGCTCTCCCGGCCGCCGCACTGGCGGAAGGCGCATCCGGCTTTTACGT
CCAAGCCGATGCCGCACACGCAAAAGCCTCAAGCTCTTTAGGTTCTGCCAAAGGCTTCAGCCCGCGCATCTCCGCAGGCT
ACCGCATCAACGACCTCCGCTTCGCCGTCGATTACACGCGCTACAAAACTATAAAGCCCCATCCACCGATTTCAAACCTT
TACAGCATCGGCGCGTCCGCCATTTACGACTTCGACACCCAATCGCCCGTCAAACCGTATCTCGGCGCGCGCTTGAGCCT
CAACCGCGCCTCCGTCGACTTGCGCGGCAGCGACAGCTTCAGCCAAACCTCCATCGGCCTCGGCGTATTGACGGGCGTAA
3CTATGCCGTTACCCCGAATGTCGATTTGGATGCCGGCTACCGCTACAACCTACATCGGCAAAGTCAACACTGTCAAAAC
3TCCGTTCCGGCGAACTGTCCGTCGGCGTGCGCGTCAAATTCTGA

NspA H44/76 pro

MKKALATLIALALPAAALAE GASGFYVQADAAHAKASSSLGSAKGFSPRISAGYRINDLRFVVDYTRYKNYKAPSTDFKL
YSIGASAIYDFDTQSPVKPYLGARLSLNRASVDLGGSDSFSQTSIGLGVLTVGSYAVTPNVDLDAGYRYNYIGKVNTVKV
VRSGELSVGV RVKF.